Edelbrock Throttle Body #3842 (70mm)

for 1989-95 3.8 liter Thunderbird Supercoupe Installation Instructions

•Please study these instructions carefully before installing your new throttle body. If you have any questions or problems, please call our Technical Hotline at: 1-800-416-8628, 7:00 am - 5:00 pm, Monday through Friday, Pacific Standard Time, or e-mail us at edelbrock@edelbrock.com.

- **These parts are street legal** in all 50 states for use on 1989-95 3.8 liter Thunderbird Supercoupes.

INSTALLATION

STEP 1 Let engine cool, raise hood and disconnect the negative battery terminal.

STEP 2 Remove the throttle body air inlet hose (two hose clamps) and disconnect the water lines from underside of the factory throttle body.

STEP 3 Disconnect throttle return spring from linkage and unhook throttle cable by opening throttle and slipping cable from cam groove.

STEP 4 Unplug the Throttle Position Sensor (TPS) and Idle Bypass Valve (IBV).

STEP 5 Remove four nuts securing throttle body to intake.

STEP 6 Remove the throttle position sensor (TPS) and Idle Bypass Valve (IBV) from the stock throttle body and transfer over to the new Edelbrock throttle body using the existing screws. **Be sure to use supplied plastic bushing on the TPS.** For optimum performance, match the intake opening to the new throttle body size for maximum air flow.

STEP 7 Install new throttle body onto manifold using supplied gaskets and torque to factory specification (18 ft/lbs.).

STEP 8 Some vehicles will require the use of a water bypass tube (not included in kit) to connect coolant hoses (there are no water connections in the Edelbrock throttle body).

STEP 9 Re-attach return spring, throttle cable and the TPS and IBV connectors.

STEP 10 Re-install flexible hose to throttle body and airbox.

STEP 11 Reinstall the negative battery terminal and refill the coolant tank to allow for lost coolant.

STEP 12 Turn idle screw counter-clockwise until you can see between the screw and the throttle linkage (set gap to 0.010" with feeler gauge, if possible), then turn screw clockwise exactly one full turn.

STEP 13 Be sure the idle bleed screw (brass slot head) is turned clockwise until it bottoms in its bore. **Do not use too much force when bottoming screw.**

STEP 14 Start engine. If no idle can be achieved, turn brass idle bleed screw counter-clockwise in small increments, restarting engine until desired idle rpm is achieved.

Throttle Body Kit Contents:

1- Throttle body assembly
1- Gasket; throttle body
1- Gasket; Idle Bypass Valve
1- Plastic bushing; Throttle Position Sensor
1- Installation Instructions

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